



TROPICAL CYCLONE BULLETIN NO. 10

Tropical Storm NENENG (NESAT)

Issued at 8:00 PM, 15 October 2022

Valid for broadcast until the next bulletin at 11:00 PM today

TROPICAL STORM “NENENG” FURTHER INTENSIFIES WHILE MOVING WESTWARD TOWARDS BABUYAN ISLANDS-BATANES AREA

Location of Center (7:00 PM)	
The center of Tropical Storm “NENENG” was estimated based on all available data at 225 km East Southeast of Calayan, Cagayan or 200 km East of Aparri, Cagayan (18.7°N, 123.5°E)	
Intensity	
Maximum sustained winds of 75 km/h near the center, gustiness of up to 90 km/h , and central pressure of 994 hPa	
Present Movement	
Westward at 15 km/h	
Extent of Tropical Cyclone Winds	Strong to gale-force winds extend outwards up to 320 km from the center

TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 5:00 AM 16 October 2022	18.8	121.9	Over the coastal waters of Camiguin Island, Cagayan	100	STS	W 15
24-Hour Forecast 5:00 PM 16 October 2022	19.2	120.0	155 km West of Calayan, Cagayan	100	STS	WNW 15
36-Hour Forecast 5:00 AM 17 October 2022	19.2	118.1	355 km West of Calayan, Cagayan (Outside the PAR)	110	STS	W 15
48-Hour Forecast 5:00 PM 17 October 2022	18.8	117.0	380 km West of Laoag City, Ilocos Norte (Outside the PAR)	120	TY	WSW 10
60-Hour Forecast 5:00 AM 18 October 2022	18.2	116.0	475 km West of Sinait, Ilocos Sur (Outside the PAR)	120	TY	WSW 10
72-Hour Forecast 5:00 PM 18 October 2022	17.6	114.7	610 km West of Sinait, Ilocos Sur (Outside the PAR)	120	TY	WSW 15
96-Hour Forecast 5:00 PM 19 October 2022	17.4	111.8	920 km West of Northern Luzon (Outside the PAR)	100	STS	W 15

Prepared by: SMRR

Checked by: SFB



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	Batanes, Cagayan including Babuyan Islands, Apayao, the northern portion of Abra (Tineg, Lacub, Lagayan), and Ilocos Norte	-	-
	Warning lead time: 24 hours Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	The northern and central portions of Isabela (Santa Maria, San Pablo, Maconacon, Divilacan, Palanan, Ilagan City, Tumauini, Cabagan, Santo Tomas, Quezon, Delfin Albano, Mallig, Quirino, Gamu, Roxas, San Mariano, Benito Soliven, Naguilian, Burgos, Reina Mercedes, San Manuel, Aurora, Luna, Cabatuan, San Mateo, Dinapigue, City of Cauayan), Kalinga, the rest of Abra, Mountain Province, the northern portion of Ifugao (Aguinaldo, Alfonso Lista, Mayoyao, Hungduan, Banaue), and the northern and central portions of Ilocos Sur (Sinait, Cabugao, San Juan, Magsingal, Santo Domingo, San Ildefonso, San Vicente, Santa Catalina, Bantay, City of Vigan, Santa, Caoayan, Narvacan, Nagbukel, Santa Maria, San Esteban, Santiago, Burgos, Banayoyo, Lidlidda, San Emilio, Quirino, Gregorio del Pilar, Galimuyod, City of Candon, Santa Lucia, Salcedo, Cervantes, Suyo, Sigay, Santa Cruz)	-	-
	Warning lead time: 36 hours Potential impacts of winds: Minimal to minor threat to life and property		

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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- *Until tonight:* Heavy to intense with at times torrential rains over Batanes and Cagayan including Babuyan Islands. Moderate to heavy with at times intense rains over Apayao, Kalinga, Abra, and Ilocos Norte. Light to moderate with at times heavy rains over the northern portion of Isabela and the rest of Ilocos Region and Cordillera Administrative Region.
- *Tomorrow:* Heavy to intense with at times torrential rains over Batanes, the northern portion of mainland Cagayan, Babuyan Islands, and Ilocos Norte. Moderate to heavy with at times intense rains over Apayao, Kalinga, Abra, Ilocos Sur, and the rest of mainland Cagayan. Light to moderate with at times heavy rains over the northern portion of Isabela and the rest of Ilocos Region and Cordillera Administrative Region.
- Under these conditions, **scattered flooding and rain-induced landslides are possible**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.
- The trough of NENENG and the convergence of its circulation with the southwesterly winds may also bring occasional rains over the western portions of MIMAROPA and Western Visayas. As such, a Weather Advisory may be issued should the potential for flooding rains further increase.

Severe Winds

- During the passage of NENENG, winds may reach **gale-force in strength** within any of the areas where Wind Signal No. 2 is hoisted. **Strong winds (strong breeze to near gale strength)** will be experienced within any of the areas where Wind Signal No. 1 is currently in effect.
- Per latest track and intensity forecast, the most likely highest wind signal that will be hoisted is **Wind Signal No. 3 (for storm-force winds)**. However, the possibility of hoisting of Wind Signal No. 4 is not ruled out.
- The convergence between the circulation of NENENG and southwesterly winds may bring occasional gusts reaching strong breeze to near gale strength over Southern Luzon and Visayas, especially in coastal and mountainous/upland localities of these areas.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of northeasterly surface wind flow, a **marine gale warning** remains in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #13 issued at 5:00 PM today.
- The aforementioned surge and the approaching tropical cyclone may also bring **moderate to rough seas** (2.0 to 3.5 m) over the eastern seaboard of Central and Southern Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Tropical Storm NENENG is forecast to continue moving westward or west northwestward towards Luzon Strait through tomorrow early morning before turning west northwestward for the rest of the day. On the forecast track, the center of NENENG may pass very close or make landfall in the vicinity of Babuyan Islands or Batanes this late evening or tomorrow early morning, then exit the Philippine Area of Responsibility (PAR) on Monday as it begins turning generally southwestward in response to an arriving northeasterly surge.
- NENENG may reach severe tropical storm category tonight or tomorrow early morning while moving in the vicinity of Babuyan Islands-Batanes area. Furthermore, this tropical cyclone may further intensify into a typhoon on Monday or Tuesday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

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